

UTILITY PATENT APPLICATION  
UNDER 37 CFR 1.53(b)

HONORABLE COMMISSIONER OF  
PATENTS AND TRADEMARKS  
Washington D.C. 20231

#4  
J. Br. 44  
10-29-01  
Case Docket No. 114300-1762

Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR(s): Charles G. Butts, Richard H. Bair, III, and Mark R. Lunsford

FOR: METHOD AND APPARATUS FOR TESTING HEAT PUMPS

Enclosed are:

- ☒ 28 pages of specification, claims, abstract  
☐ Declaration & Power of Attorney  
☒ Priority Claimed from US Provisional Application No. 60/258,546, filed December 29, 2000.  
☐ Certified copy of \_\_\_\_\_  
☒ 5 sheets of drawings  
☐ An assignment of the invention to \_\_\_\_\_, and the assignment recordation fee.  
☒ Return Receipt Postcard  
☐ Information Disclosure Statement, Form PTO-1449  
☐ Copies of IDS Citations  
☐ Other: The undersigned hereby declares that this applications meets the qualifications for **Small Entity Status** under 37 C.F.R. 1.9(f) and 1.27(c) - Small Business Concerns - Independent Inventor.  
☐ Other:

The filing fee has been calculated as shown below:

(1) FOR	(2) NO. FILED	(3) NO. EXTRA	(4) RATE	(5) AMOUNT	
TOTAL CLAIMS	20	-20	0	x \$18.00 =	\$0.00
INDEPENDENT CLAIMS	3	-3	0	x \$80.00 =	\$0.00
MULTIPLE DEPENDENT CLAIM(S) (If applicable)				+ \$270.00 =	0.00
				<b>BASIC FEE</b>	\$ 710.00
				Total of above calculations	= \$710.00
				<input type="checkbox"/> Assignment & Recording Fee	\$40.00
				<b>TOTAL FEE</b>	\$710.00

- ☒ Attached is a check in the amount of \$710.00. A duplicate copy of this sheet is enclosed.
- ☐ Please charge my Deposit Account No. 50-0436 in the amount of \$0.00. A duplicate copy of this sheet is enclosed.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0436. A duplicate copy is enclosed.
- ☐ Any additional filing fees required under 37 CFR 1.16.
- ☒ The Commissioner is hereby authorized to charge payment of following fees during the pendency of this application or credit any overpayment to Deposit Account No. 50-0436. A duplicate copy of this sheet is enclosed.
- ☒ Any patent application processing fees under 37 CFR 1.17.
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

PEPPER, HAMILTON LLP



Kenneth J. Sheehan  
Registration No. 36,270

Date: 6/8/01  
600 Fourteenth Street, N.W.  
Washington, D.C. 20005-2004  
(202) 220-1200  
DC: #188076 v1 (414C011.DOC)

09376038-050804